

**Department of Public Works and Transportation  
Montgomery County, Maryland**

***DIVISION OF SOLID WASTE SERVICES***



Customer Service Staff

***MONTHLY REPORT  
APRIL 2004***



*Printed on Recycled and Recyclable Paper*

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# **OVERVIEW**

## **Tonnage at a Glance**

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2004 began July 1, 2003.)

<b>FACILITY</b>	<b>Apr FY04</b>	<b>FY04 Total</b>	<b>Apr FY03</b>	<b>Apr FY02</b>
Materials Recovery Facility <sup>(1)</sup>	7,567 tons	73,535 tons	7,141 tons	6,905 tons
Brunswick Landfill Facility <sup>(2)</sup>	28,127 tons	254,502 tons	23,523 tons	20,964 tons
Resource Recovery Facility <sup>(3)</sup>	51,236 tons	523,201 tons	54,103 tons	48,996 tons
Yard Trim Compost Facility	5,409 tons	66,852 tons	7,618 tons	5,679 tons

<sup>(1)</sup>MRF tons reported are outgoing.

<sup>(2)</sup>This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

<sup>(3)</sup>RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

## **Revenue Analysis and Systems Evaluation** – During April, program staff:

- Researched 249 new properties billing characteristics and entered them into TXA 170 system;
- Processed vacancy refunds payable in April;
- Prepared monthly house counts for collection contractors;
- Updated Access™ databases and Excel™ spreadsheets for monthly collection contractor reports;
- Continued to research solid waste fee abnormalities in the property tax database;
- Updated street listing maps;
- Generated Hauler Credit Account invoices for April 2004 totaling \$1,701,791 (an increase of \$275,603 over April 2003);
- Updated Aging Report;
- Reconciled FY04 Transfer Station incoming tonnage chargeable through 3rd quarter to monies posted in FAMIS;
- Continued compiling data for the 2003 State MRA Recycling Report;
- Provided additional information to OLO;
- Forwarded Program Measures to SWAC;
- Reviewed all 3rd quarter revenues;
- Continued to assist with revisions to the Ten-Year Plan;
- Conducted a special public forum on revised nonresidential system benefit charges resulting from DSWS study of land uses and generation rates;
- Presented same to Montgomery County's Department of Economic Development Agricultural Advisory Committee;
- Drafted FY05 Rate Resolutions; and
- Continued to assist with budget process as needed.

## **CITIZEN COMMITTEES**

**Facilities Implementation Group** – FIG did not meet in April; however, they met on March 9<sup>th</sup> at the Gothic Barn in Dickerson. Thirteen FIG members, four County staff, one contract staff and two consultants were in attendance. Topics discussed included a facilities complaint received by DEP; Winter FY04 Traffic Study; Lighting Impact Analysis and Site II Drainage Buffers.

The next FIG meeting will be held on June 8, 2004, at the Gothic Barn in Dickerson.

**Solid Waste Advisory Committee** – SWAC held its regular monthly meeting on April 13<sup>th</sup>. Twelve SWAC members, six County staff and three guests were in attendance. This was the first meeting for five new SWAC members. SWAC members discussed a response to the County Executive's FY05 recommended budget for the DSWS. The Committee received a presentation from DSWS staff on the policy issues currently being developed and discussed some of them. The Committee also discussed the May meeting location and changing the election of officers from the June meeting to the November meeting in order to have the election coincide with the County Executive's appointment process.

## **COLLECTIONS**

**Refuse** – Refuse collections for April went as scheduled with no disruption to service.

**Recycling** – Mixed paper tonnages for the residential program during the past 52 weeks are as follows:

CURRENT PERIOD	POUNDS PER HOUSEHOLD	CORRESPONDING PERIOD PREVIOUS YEAR
4/14/03-5/09/03	9.93	9.81
5/12/03-6/06/03	10.09	9.58
6/09/03-7/05/03	9.77	9.21
7/07/03-8/01/03	9.05	8.74
8/04/03-8/29/03	9.37	9.24
9/01/03-9/26/03	10.43	10.15
9/29/03-10/24/03	10.50	10.45
10/27/03-11/21/03	11.43	11.04
11/24/03-12/19/03	11.97	11.74
12/22/03-1/16/04	10.67	9.75
1/19/04-2/13/04	9.33	8.83
2/16/04-3/12/04	9.82	8.94
3/15/04-4/09/04	10.19	10.01

**Contractor Performance** -- During the month of April 2004, DSWS received 564 complaints; 649 less than in March 2003, which numbered 1,213.

**Enforcement Actions** – One citation in the amount of \$100 was issued for failing to submit an annual recycling report (commercial).

Twelve NOV's were issued for violations of the County's Solid Waste Laws:

Three NOV's	Dump solid wastes at other than an acceptance facility
Two NOV's	Left a collection vehicle unattended
Two NOV's	Collection vehicle is in an unsafe physical or mechanical condition
One NOV	Commercial – Failed to submit an annual recycling report
One NOV	Permitted solid wastes to be stored outside storage containers
One NOV	Deposited solid wastes on the property of another
One NOV	Transport solid wastes without a collector's license
One NOV	Collect solid wastes without a valid collectors tag

**Customer Service** – DSWs received 7,460 incoming calls and 54 follow-up calls were made for quality check. There were 1,536 blue bins ordered through the Customer Service Staff, and 45 bins were picked up from the Transfer Station.

For the month of April, we received 59 customer service surveys:

SURVEY QUESTION	APRIL 2004		
	YES	NO	N/A
Did we satisfactorily address your request or concern?	90%	7%	3%
Are your trash and recyclables at the curb by 7:00 a.m.?	78%	17%	5%
Do you use our yard trim recycling program?	47%	49%	4%
Do you grasscycle or compost your yard trim?	59%	36%	5%
<b>Do you know about:</b>			
The curbside scrap metal recycling program?	22%	76%	2%
Textile recycling?	10%	90%	0%
Computer recycling?	29%	71%	0%
Household Hazardous Waste drop-offs?	53%	46%	1%
Don't Dump – Donate program?	25%	73%	2%
Use it again program?	12%	86%	2%
Satellite drop-offs?	32%	64%	4%
Have you used the Transfer Station?	59%	39%	2%

Additional comments:

The web site was **VERY** user friendly. Outstanding! ☺

Provide me with a big rolling recycling container

Now that I know about this website, I'm assuming I will be able to get any answers I need.

I think the wheeled multi-recyclable container that has a cover will greatly encourage more recycling.

The County ought to go to large cans that can be emptied with mechanized trucks. These are easier to handle (they wheel) and will encourage more recycling.

I have received an email stating that the recycling bin I ordered via the web will be delivered to me. Previously, I also ordered a bin and that came very promptly. I am very impressed with the quick web response and the smooth seamless process that my request was handled. MC has wisely utilized the web to increase efficiency! Some things work very well in Montgomery County and I am a happy county resident. ☺

It would be great if compost bins could be delivered...

I had leftover paint, thinner and other scary stuff in my basement. I used the Transfer Station and it was very well run.

It would be nice if the men would see that the trash cans and blue bins not be put in the middle of the driveway after they are emptied.

Was your request/concern settled to your satisfaction? YES, very detailed answer!

Transfer Station-I wish there was one closer to Germantown. Everytime we use the dump (which was just this past weekend) it is so busy and takes about 20-25 minutes to get to that it's hard to make several trips in one day when doing large jobs.

**Web Site** - The following is information gathered from the Montgomery County Solid Waste web site through the month of April:

List Memberships	New Subscribers	Total Subscribers
HHW Announcements	32	800
Holiday Reminder List	43	3,423
Newsletter Helper	25	245
Usage Counters – April 2004		
Total of Visits	4,608	
Total Page Views	7,637	
Among the most frequently visited pages were: <ul style="list-style-type: none"><li>• How to Recycle/dispose of trash</li><li>• HHW</li><li>• Scrap Metal</li><li>• Computer Recycling</li><li>• Holidays</li><li>• Yard Trim</li><li>• Curbside Recycling</li><li>• Paint</li><li>• Recycling Center</li></ul>		
SORRT		

Total Page Hits	249
Number of page views	384
<b>TRRAC</b>	
Total Page Hits	105
Number of page views	150
<b>E-Mail –April 2004</b>	
Top Issues :	
• Order For Literature	57
• General Information	50
• Thank You	26
• Collection day Questions	22
• Special Collections/Scrap Metal	13
• SORRT Related	12
• HHW	8
• Wheeled Carts	6
Blue Bins	341

Comments received:

- I love the automated ordering format!
- The web site was VERY user friendly. Outstanding!
- I am very impressed by this level of service ☺

## **WASTE MINIMIZATION**

<b>Product Recycled</b>	<b>Approximate weight recycled in April 2004</b>
Computer	40.4 tons
Fire Extinguishers	None
Propane Tanks	4.7 tons
Textiles	14.5 tons
Construction Materials (Don't Dump – Donate)	1.9 tons
Bicycles	0.13 tons
Rechargeable Batteries	None

**Department of Environmental Protection's Home Composting and Source Reduction Activities** – The GreenMan Show continues to air daily on Cable Channel 6, with online streaming video and access to past shows via online archives. The GreenMan Show taped an episode on Business Recycling and the SORRT Program with Eileen Kao and Alan Pultyniewicz in April; a field segment covering the SORRT Awards Program at the Gaithersburg Hilton in May will be taped and edited into the show for airing in June.

The GreenMan Column continues in the Gazette Newspapers, now expanded into Frederick County. The column is also accessible online via [greenmanshow.com](http://greenmanshow.com) and at [www.gazette.net](http://www.gazette.net) under "Columns." Please note that almost all of the previous

columns (43) have also been developed into print factsheets and PDF documents, all accessible on the GreenMan page on askdep.com.

## **HAZARDOUS WASTE PROGRAMS**

**Household Hazardous Waste Collection** – There were two HHW events in April 2004. The first event was April 4<sup>th</sup> at the Transfer Station, and the second event was April 18<sup>th</sup> at the Germantown Upcounty Regional Services Center. There were 501 and 388 participants, respectively.

**Mercury (Hg) Free Campaign** – The program for collecting thermometers containing Hg and passing out digital thermometers continues to receive active participation via walk-ins to the Transfer Station and exchanges at HHW events. In addition, DSWs worked with NIH to do an exchange at one of their health fairs.

**Small Quantity Generator/Ecowise Program** – One Small Quantity Generator (SQG)/Ecowise event was held on April 14, 2004; 8 companies participated in the event.

## **AIR PERMITS AND ENVIRONMENTAL PROGRAMS**

**Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations** – In April 2004, the Continuous Emissions Monitoring System (CEMS) continued to track the percent load, certain engineering parameters and emissions of all three units. The CEMS indicated that all three units operated until March 31<sup>st</sup>. At approximately 11 p.m. on March 31<sup>st</sup>, the CEMS showed a Carbon Monoxide (CO) spike from unit 1 and no further emissions indicating that the unit was brought offline. Inquiries with Covanta indicated that the unit was brought offline for scheduled maintenance. Thereafter, units 2 and 3 operated until approximately 11 p.m. on April 8<sup>th</sup> when the CEMS showed emissions from unit 1 indicating that the unit was brought back online after completing maintenance work. Thereafter, all three units operated until approximately 4 a.m. on April 17<sup>th</sup> when the CEMS showed a Carbon Monoxide (CO) spike from unit 1 and no further emissions indicating that the unit was brought offline. Inquiries with Covanta indicated that the unit was brought offline because a couple of grate bars melted due to contact with a very hot metal object. At approximately 5 p.m. on April 17<sup>th</sup>, the CEMS again showed emissions from this unit indicating that the unit was back online within 12 hours after the grate bars were replaced. Thereafter, all three units operated until approximately 11 p.m. on April 21<sup>st</sup> when the CEMS showed a Carbon Monoxide (CO) spike from unit 2 and no further emissions indicating that the unit was brought offline. Inquiries with Covanta indicated that the unit was brought offline because a couple grate bars broke. At approximately 10 p.m. on April 22<sup>nd</sup>, the CEMS again showed emissions from this unit indicating that the unit was back online within 24 hours after the grate bars were replaced. Thereafter, all three units operated until approximately 11 p.m. on April 25<sup>th</sup> when the CEMS again showed a Carbon Monoxide (CO) spike from unit 2 and no further emissions indicating that the unit was brought offline. Inquiries



with Covanta indicated that the unit was brought offline because of a couple of broken grate bars. The grate bars were replaced within 24 hours. However, during warming of this unit on April 26<sup>th</sup>, an external tube leak was noticed and repairs were done immediately. At approximately 6 p.m. on April 27<sup>th</sup>, the CEMS showed emissions from this unit indicating that the unit was back online. Thereafter, all three units operated until the end of the month. There were no other equipment malfunctions that affected stack emissions in April with the exception of the incidents discussed above.

On April 19<sup>th</sup>, Covanta performed the monthly "Opacity Test" for April. The opacity test is a requirement under Title V of the RRF Air Permit. As in past tests, the opacity readings were 0% compared to the Title V Permit limit of 10%.

In the first week of April, the set of three CEMS CD-ROM's were updated to include CEMS data up to March 31<sup>st</sup>. Copies of the CD's were placed in the Rockville and Poolesville libraries.

**FIG-SWAC Air Quality Subcommittee** – The Subcommittee's comments on the final draft of the Ambient Air Monitoring Report that were discussed in the March 23<sup>rd</sup> meeting were incorporated in the report. The revised draft was sent to ENSR. The contractor is currently preparing the final report.

**Oaks Landfill Energy Recovery** – SCS Engineers continue to periodically conduct gas sampling and analysis at the Oaks Landfill. This information will be used to prepare the "Emissions Certification Report" for 2004 for submission to MDE.

DSWS staff has completed evaluation of the four proposals received for the development of a project at the Oaks for the beneficial use of the landfill gas. The top three proposers have been selected for an interview. The interviews will be conducted in May.

**Contracts and RFP's** - ENSR's contract that is to expire on May 7, 2004 will be extended until May 7, 2005. During the extended term, ENSR will conduct the Cumulative Health Risk Assessment and Non-Air Media Monitoring Program in FY05. Also, ENSR will submit a sampling protocol for conducting the "Non-Air Media Monitoring Program." The field work for this program will be conducted in June.

ENSR is currently evaluating the information received from MDE pertaining to Neutron Products for inclusion in the Cumulative Health Risk Assessment. The schedule for the Cumulative Health Risk Assessment calls for completion of data analysis and Air Quality Modeling work in FY04 and Toxicological Health Risk Assessment in FY05.

ENSR's subcontractor, EDR of Syracuse, NY incorporated the revisions made to the draft final report on the "Off-site Lighting Impact Analysis for the Resource Recovery Facility (RRF) and the Yard Trim Composting Facility (YTCF)" and prepared the final report. The revisions were made based on comments received from DSWS staff, and the Air Quality Subcommittee. In May, ENSR will prepare a CD containing the final report.

TES Contract - TES submitted the Semi-Annual Calibration and Audit Report for the Meteorological Tower. The audit was conducted on April 8<sup>th</sup>. All the instrumentation on the tower was found to be functioning normally with the exception of the dew point sensor that was reading about 5 degrees low. This resulted in relative humidity readings that were about 10% low. The dew point sensor was replaced with a newly calibrated sensor. After retest, it was found to be reading correctly.

SCS Engineers Contract – SCS Engineers contract that expires on July 19, 2004 will not be renewed. The gas sampling and emissions certification work will be conducted under the Engineering Services Contract.

## **RECYCLING**

Public Outreach – Media coverage of the County Executive's March 31<sup>st</sup> press conference on business recycling was significant. Coverage included numerous media outlets, including print, television (both network and cable) and radio. Work continues on all FY04 budgeted activities. On April 18<sup>th</sup>, staff participated in an on-air panel discussion commemorating Earth Day and focusing on recycling for the Clear Channel Radio Network. Staff also taped a GreenMan Show on recycling, specifically focusing this edition on business recycling. The show will air beginning June 20<sup>th</sup>. The recycling mascot is being constructed. Award of the Feasibility Study on Franchised Recycling Collection to Promote Recycling in the Non-Residential and Multi-Family Sectors is in process, pending an MFD Plan from the apparent awardee. Staff is again chairing the Metropolitan Washington Council of Governments Recycling Regional Outreach Subcommittee; the first meeting for this year was held on April 8<sup>th</sup>. Coordination on National Public Works Week, which coincides with the Division's Recycling Awareness Week, activities continues. A meeting was held on April 23<sup>rd</sup> for the Office of Legislative Oversight (OLO) to discuss their report on Commercial Recycling. OLO released this study on April 27<sup>th</sup>. OLO research and findings validate and support DSWS' current, planned and programmed strategies, efforts, and initiatives related to commercial recycling. At the April 29<sup>th</sup> T & E Committee meeting, staff participated in discussions and responded to several questions and points raised by Council members regarding the OLO study, as well as the FY05 budget.

Commercial Recycling and Waste Reduction – Staff continued to perform on-site visits of businesses in April and resolved several complaints. In support of Earth Day, staff participated in 18 outreach events during the month of April reaching over 2,500 people. Volunteers completed reviewing Chinese and Spanish translations of the business recycling regulation handbook and the translated versions are being prepared for printing. Work has begun on preparations for Recycling Awareness Week which will be celebrated from May 17-21, 2004. Fourteen activities are being planned for the week including, performances of the Magic of Recycling show at twelve elementary schools, an award recognition ceremony recognizing businesses and individuals, multi-family properties and single-family residences for their outstanding recycling efforts, and an awards reception for the winners of the MCPS Earth Day Poster Contest. Staff forwarded two businesses to Code Enforcement for violations of Executive Regulation

109-92AM. As a result, two NOV's were issued, and as of April 28<sup>th</sup>, the businesses cited are in compliance.

**Multi-Family Recycling** — In April, staff continued to perform verifications of annual reports that were due on February 1<sup>st</sup> from apartments and condominiums. In February and March, staff forwarded 109 properties that did not comply with reporting requirements to Code Enforcement personnel. As a result, a total of 109 NOV's were issued. All 109 properties have now complied. Work continued on the May edition of the TRRAC newsletter. Work also continued on revisions to the Property Manager's Guidebook. Staff worked with other recycling group staff at 6 of the 18 outreach events during the month of April.

**Mixed Paper Recycling** – Existing educational materials are being distributed to residents at events. Larger quantities of materials are also provided to Homeowner's Associations and civic groups, for their use and distribution.

**Volunteer Activities** – The surveys at the Poolesville and the Damascus Satellite Drop-Off sites are complete. Preparation for composting workshops is underway. Forty-four volunteers provided recycling information to over 1,613 residents at events. Planning is underway to help the Transfer Station with its new gas can exchange program in June, as part of the HHW collections. The event calendar is filled with requests for staff and volunteers to come out and present information about recycling and waste reduction to various groups in the County. Bids should be received shortly for the Compost Bin IFB that was issued in March.

## **PILOT PROGRAMS**

**Cooperative Collection Pilot** - Staff hosted a meeting on April 15<sup>th</sup> to review the results of the study and to provide recommendations regarding setting up cooperative collection efforts. Three of the five businesses in the study were present at the meeting. The businesses were encouraged by the findings of the study and have requested staff to conduct additional research and report back to the businesses for further discussions of cooperative contracting for recycling/waste collection services.

**ComPRO Pilot** – The County has developed a pilot bagged ComPRO production at an MES facility in Baltimore, MD. Production of ComPRO began in October 2003; year-to-date ComPRO sold is 14,143 bags.

**Tubgrinding Pilot** – From February 13 through the end of February, the County processed 2,412 yards of screened reject material at the Compost Facility. The processed material is now being sold at \$4/yd.

## **FACILITY ACTIVITIES**

**Resource Recovery Facility** – The RRF processed 51,236 tons, or 1,708 tons per day. Trash deliveries averaged 12,540 tons/week. Unit 1 was down for the first eight days of the month for scheduled maintenance. On April 17<sup>th</sup> unit 1 came down for grate bar repairs and on the evening of April 21<sup>st</sup> unit 2 came down for grate bar repairs. On the evening of April 25<sup>th</sup> unit 2 came down again for grate bar repairs. Upon bringing the unit back online, a tube leak was discovered on April 26<sup>th</sup>. Ash deliveries still hindered operation but not as bad as the previous month.

There were no OSHA recordable incidents during the month.

There were no generation emergencies issued by Mirant during the month of April. There was no need to purchase power during the month.

There were no reportable air or water quality environmental excursions during the month.

The following environmental activities occurred:

- Submitted the March 2004 Potable Water Monthly Operating Report to MDE;
- Performed the monthly visible emission (Method 9) observation required by the RRF's Title V permit;
- Submitted the 1<sup>st</sup> quarter 2004 Operations and Emissions Report to MDE;
- Submitted the 1<sup>st</sup> quarter 2004 NPDES Discharge Monitoring Report to MDE;
- Submitted 2004 Inorganic Self Analysis Report for Nitrate to MDE;
- Submitted the 2003 Sewage Sludge Hauler Report to MDE;
- Submitted a pollutant/process parameter surrogate monitoring plan to MDE. The plan establishes a written plan to be implemented in the event that the facility has an analyzer, transmitter, or data acquisition system failure.

**Materials Recovery Facility** – Approximately 1,897 tons of commingled material were shipped out and approximately 5,670 tons of mixed paper were loaded out and transferred to the OPS' processing facility in April 2004. The slide chute to the glass sorting line was relined with urethane. Residue tests continued to determine the amount of recyclable product in the residue. MES conducted on-site hearing tests for plant staff. A group of visitors from Japan toured the facility.

**Oaks Landfill** – Proposals were received for an RFP for the beneficial reuse of landfill gas at the Oaks Landfill. DSWs staff began review of the proposals. The construction project to modify the leachate storage lagoons is near completion and a punch list was created.

**Gude Landfill** – SCS Engineers, one of DSWs' engineering support services contractors, completed design work for equipment for an enclosed ground flare gas management system to replace the gas-to-energy power plant at the site which may close later this year for economic reasons. In order to expedite the project, DSWs developed an IFB for only the equipment, and it was issued by the Office of

Procurement. SCS is continuing with design work for piping modifications and installation of the equipment.

**Transfer Station** – During April, Covanta shipped via rail 54,055 tons of processible waste from the Transfer Station to the RRF; 2,077 fewer tons than shipped in April 2003.

Covanta, entered into a contract for the installation of the fourth compactor. The compactor is now scheduled for delivery in late June; and installation should be completed by the end of July or early August. The permit to construct was issued by the Department of Permitting Services.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

The inbound radiation detectors had 22 alarms in April 2004, including 2 false alarms (alarms that could not be re-verified) - all but one of the valid alarms were identified as low levels of medical isotopes with short half-lives, including 7 cases where the driver or a passenger had undergone recent medical tests or treatment, and were accepted. One alarm was due to Radium-226 (Ra-226), an unacceptable industrial isotope. The radiation safety contractor, RSO, was called in and identified and extracted the source, a military/camping style compass which had Ra-226 on the painted face. RSO removed the compass for proper disposal.

**Site 2 Landfill Properties** – Additional information on the County's State Tax identification was requested by and provided to MDE. Comments on the draft Site 2 landfill refuse disposal permit are being reviewed by MDE. The County inspected some of the properties and will complete the inspection next month.

**Yard Trim Compost Facility** – In April, the Yard Trim Facility received 5,409 tons of material for composting. The year-to-date figure is 66,852 tons.

No debris was sent to the RRF.

Seven thousand two hundred and two (7,202) cubic yards of Leafgro were shipped to distributors.

**Bagging Operation** – In April, 55,150 bags of Leafgro were shipped to distributors (each bag is 1.5 cubic ft. weighing 45 lbs.).

2,243 bags of ComPRO were shipped to distributors (each bag is 1 cubic ft. weighing 30 lbs.).

## **Out-of-County Haul**

**Brunswick County, Virginia** – During the month of April, about 16,170 tons of ash residue and 11,957 tons of nonprocessible waste were transported to the County's dedicated disposal cell at the BWMF in Brunswick County, Virginia. About 752 tons of rubble were recycled this month at Clean Earth in Hagerstown, MD, and about 670 tons of oversize bulky wood waste were recycled by L&I Tree Clearing in Hancock, MD. The Transfer Station continued to work with the contractor to address the dramatic increase in nonprocessible waste by increasing trucking resources to manage this material.

## **GENERAL INFORMATION**

### **Important Telephone Numbers**

General information on solid waste	240-777-6400
Customer Service	240-777-6410
Transfer Station	301-840-2370 (County Office) 301-590-1032 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	301-840-2701 (County Office) 301-417-1447 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWS	<a href="http://www.montgomerycountymd.gov/solidwaste">www.montgomerycountymd.gov/solidwaste</a> <a href="http://www.montgomerycountymd.gov/recycling">www.montgomerycountymd.gov/recycling</a>

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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## SOLID WASTE FACTS IN A NUTSHELL

<b>TOPIC OR FACILITY</b>	
Latest Recycling Rate Reported in Montgomery County	37.1% (FY03)
Recycling Goal	50% by December 2004
Resource Recovery Facility (RRF)	Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste).
Yard Trim Composting Facility (DCF)	Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY03 tons received- 80,138
# Residences receiving trash collection by County contractors	85,080
# Residences receiving collection of recyclables in blue bins and yard waste collection	204,087
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started on October 20, 1997.)



## GLOSSARY OF ACRONYMS

AAR	American Ash Recycling, Inc.
APC	Air Pollution Control
ASME	American Society of Mechanical Engineers
BWMF	Brunswick Waste Management Facility, Inc.
CDL	Commercial Driver's License
CEMS	Continuous Emissions Monitoring System
CFR	Code of Federal Regulation
CIP	Capital Improvements Program
COD	Cash on Delivery
COG	Metropolitan Washington Council of Governments
CSX	Chesapeake Transportation Systems
CY	Calendar Year
DEP	Department of Environmental Protection
DNR	Maryland Department of Natural Resources
DSWS	Division of Solid Waste Services
EPA	Environmental Protection Agency
FIG	Facilities Implementation Group
FY	Fiscal Year
GFA	Gross Floor Area
HHW	Household Hazardous Waste
IFB	Invitation For Bid
IPM	Integrated Pest Management
KMCB	Keep Montgomery County Beautiful
LFG	Landfill Gas
LTTS	Leachate Thermal Treatment System
MCPS	Montgomery County Public Schools
MCR	Maximum Continuous Rating
MDE	Maryland Department of Environment
MES	Maryland Environmental Service
Mg/l	Milligrams per liter
M-NCPPC	Maryland National Capital Park and Planning Commission
MRF	Materials Recovery Facility
MSW	Municipal Solid Waste
MWh	Mega Watt hours
NIH	National Institutes of Health
NMWDA	Northeast Maryland Waste Disposal Authority
NOV	Notice of Violation
NPDES	National Pollution Discharge Elimination System
NTP	Notice to Proceed
OLAC	Oaks Landfill Advisory Commission
OMB	Office of Management and Budget
OPS	Office Paper Systems
PEPCO	Potomac Electric Power Company
PSA	Public Service Announcement
RFP	Request for Proposal
ROL	Reduced Operating Level
RRF	Resource Recovery Facility
SCA	Sugarloaf Citizens Association
SHA	State Highway Administration
SORRT	Smart Organizations Reduce and Recycle Tons
SDAT	State Department of Assessments and Taxation
SWAC	Solid Waste Advisory Committee
TCLP	Toxic Characteristic Leaching Procedure
TES	Technical Environmental Services
TPD	Tons Per Day
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
TXA 170	Computer Interface Program (Property Account Database)
UT	Ultra-sonic Testing
YTCF	Yard Trim Compost Facility